
MATERIAL SAFETY DATA SHEET

REVISION NO. 2

REVISION DATE: 03/22/01

SECTION I - SOURCE AND NOMENCLATURE

Manufacturer's Name

ADVANCED LUBRICATION TECHNOLOGY, INC.

Address -- 6345 Balboa Boulevard, Suite 350
Encino, California 91316**Emergency Telephone No.**

(818) 705-7450

Chemical Family

BORON DERIVATIVES IN HYDROCARBON BASE

Trade Name and Synonyms**LUBRISILK GEARLUBE**

SECTION II - OSHA REGULATED INGREDIENTS

C.A.S.

EXPOSURE

Reg. No. Material8002-05-9 PETROLEUM OIL WITH BORON DERIVATIVES
PETROLEUM HYDROCARBONS (NOT REGULATED BY OSHA)Wgt %Limit

20.00 15 MG/M3

80.00 5 MG/M3

SECTION III - PHYSICAL DATA

Boiling Point 375 C/705 F

Vapor Pressure .01

Vapor Density N/A

Melting Point N/A

Evaporation Rate N/A

Volatile N/A

Specific Gravity 0.89

Solubility in Water NEGLIGIBLE

V.O.C. = 0.0001

Appearance/Odor

BROWN, MILD ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point = 435 F.

Flammable (Explosive) Limits

Upper N/A

Lower N/A

Method

CLEVELAND OPEN CUP.

Extinguishing Media

CO 2, DRY CHEMICAL, FOAM, WATER FOG.

Special Fire Fighting ProceduresUSE SELF-CONTAINED BREATHING APPARATUS APPROVED BY NIOSA.**Unusual Fire and Explosion Hazards**

WATER MAY CAUSE FROTHING - TOXIC FUMES GIVEN OFF ABOVE 610 DEGREES F.

SECTION V - HEALTH HAZARD DATA

Effects of Overexposure

Inhalation: FOR MATERIAL TEMPS OVER 610 DEG. F., POLYMER FUME FEVER MAY RESULT FROM INHALING FUMES.

Ingestion: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.

Eye: MAY CAUSE TEMPORARY EYE IRRITATION.

Skin: REPEATED AND PROLONGED CONTACT CAN CAUSE IRRITATION AND DERMATITIS.

Emergency and First-Aid Procedures

Inhalation: IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR.

Ingestion: SEEK MEDICAL ATTENTION IMMEDIATELY; DO NOT INDUCE VOMITING.

Skin: WASH WITH SOAP AND WATER, REMOVE CONTAMINATED CLOTHING, AND LAUNDRER BEFORE RE-USE.

SECTION VI - REACTIVITY DATA

Conditions Contributing to Instability

STABLE

Conditions Contributing to Hazardous Polymerization

NONE

Incompatibility (Materials to Avoid)

STRONG OXIDIZERS

Hazardous Decomposition of Products

CO, CO2

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled

APPLY ABSORBENT MATERIAL AND TRANSFER TO CONTAINERS.

Waste Disposal Methods:

CONSULT WITH FEDERAL, STATE, AND LOCAL WASTE REGULATIONS.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation Requirements

PROVIDE SUFFICIENT MECHANICAL VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(s).

Protective Equipment

Eye: WEAR SPLASH GOGGLES OR OTHER APPROPRIATE EYE PROTECTION.

Glove: WEAR NEOPRENE GLOVES TO PREVENT REPEATED OR PROLONGED CONTACT.

Respirator: IF THE TLV OF THE PRODUCT IS EXCEEDED, A MECHANICAL OR SELF-CONTAINED BREATHING APPARATUS IS ADVISED.

Other: NO SPECIAL EQUIPMENT DEEMED NECESSARY UNDER NORMAL USAGE.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage

AVOID PROLONGED INHALATION OF MISTS OR VAPORS.

This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended hygiene and safe-handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

BY: WILLIAM OLLIGES - CHIEF OPERATING OFFICE